

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

DATABASE = , PROGRAM = datasheet, VERSION = 8.00
1 National Geodetic Survey, Retrieval Date = January 1, 2012
AC6803 *****
AC6803 HT_MOD - This is a Height Modernization Survey Station.
AC6803 PACS - This is a Primary Airport Control Station.
AC6803 DESIGNATION - AZC A
AC6803 PID - AC6803
AC6803 STATE/COUNTY- AZ/MOHAVE
AC6803 COUNTRY - USA
AC6803 USGS QUAD - LOST SPRING MTN EAST (1988)
AC6803
AC6803 *CURRENT SURVEY CONTROL
AC6803
AC6803* NAD 83(2007) POSITION- 36 57 59.55377(N) 113 00 32.22917(W) ADJUSTED
AC6803* NAD 83(2007) ELLIP HT- 1462.787 (meters) (02/10/07) ADJUSTED
AC6803* NAD 83(2007) EPOCH - 2007.00
AC6803* NAVD 88 ORTHO HEIGHT - 1485.56 (meters) 4873.9 (feet) GPS OBS
AC6803* NAVD 88 EPOCH - 2006.81 (this for example only, not app for AC6803)
AC6803
AC6803 NOTE: NAVD 88 ortho height was determined from prior model GEOID03.
AC6803 GEOID03 HEIGHT - -22.75 (meters)
AC6803 GEOID09 HEIGHT - -22.80 (meters)
AC6803 NAD 83(2007) X - -1,994,789.496 (meters) COMP
AC6803 NAD 83(2007) Y - -4,697,388.731 (meters) COMP
AC6803 NAD 83(2007) Z - 3,815,306.819 (meters) COMP
AC6803 LAPLACE CORR - 3.37 (seconds) DEFLEC09
AC6803
AC6803 FGDC Geospatial Positioning Accuracy Standards (95% confidence, cm)
AC6803 Type Horiz Ellip Dist(km)
AC6803 -----
AC6803 NETWORK ACCURACY 0.86 1.37
AC6803 MEDIAN LOCAL ACCURACY AND DIST (11 points) 0.67 1.22 1.64
AC6803 -----
AC6803 NOTE: Individual local accuracy values and other accuracy information
AC6803 are available [here](#).
AC6803
AC6803.This mark is at Colorado City Municipal Airport (AZC)
AC6803
AC6803.The horizontal coordinates were established by GPS observations
AC6803.and adjusted by the National Geodetic Survey in February 2007.
AC6803
AC6803.The datum tag of NAD 83(2007) is equivalent to NAD 83(NSRS2007).
AC6803.See [National Readjustment](#) for more information.
AC6803.The horizontal coordinates are valid at the epoch date displayed above.
AC6803.The epoch date for horizontal control is a decimal equivalence
AC6803.of Year/Month/Day.
AC6803
AC6803.The orthometric height was determined by GPS observations and a
AC6803.high-resolution geoid model.
AC6803
AC6803.GPS derived orthometric heights for airport stations designated as

AC6803.PACS or SACS are published to 2 decimal places. This maintains AC6803.centimeter relative accuracy between the PACS and SACS. It does AC6803.not indicate centimeter accuracy relative to other marks which are AC6803.part of the NAVD 88 network.

AC6803

AC6803.The X, Y, and Z were computed from the position and the ellipsoidal ht.

AC6803

AC6803.The Laplace correction was computed from DEFLEC09 derived deflections.

AC6803

AC6803.The ellipsoidal height was determined by GPS observations

AC6803.and is referenced to NAD 83.

AC6803

AC6803.The geoid height was determined by GEOID09. (remove sentence)

AC6803

AC6803.The following values were computed from [current datum/realization, e.g. NAD 83 (2007)].

AC6803

	North	East	Units	Scale Factor	Converg.
AC6803;SPC AZ W	- 662,036.150	279,346.877	MT	0.99998696	+0 26 44.3
AC6803;SPC AZ W	- 2,172,034.61	916,492.38	iFT	0.99998696	+0 26 44.3
AC6803;UTM 12	- 4,093,046.689	321,162.779	MT	0.99999401	-1 12 30.2

AC6803

AC6803! - Elev Factor x Scale Factor = Combined Factor

AC6803!SPC AZ W - 0.99977049 x 0.99998696 = 0.99975746

AC6803!UTM 12 - 0.99977049 x 0.99999401 = 0.99976451

AC6803

	PID	Reference Object	Distance	Geod. Az
AC6803				dddmmss.s
AC6803	AE3181	AZC CL END RWY 20	68.963 METERS	15655

AC6803

AC6803 SUPERSEDED SURVEY CONTROL

AC6803

AC6803	ELLIP H (01/12/01) 1462.805 (m)	GP() 4 1
AC6803	NAD 83(1992)- 36 57 59.55345(N) 113 00 32.22767(W)	AD() B
AC6803	ELLIP H (03/14/97) 1462.873 (m)	GP() 3 1

AC6803 NAVD 88 (03/14/97) 1485.51 (m) GEOID96 model used GP(epoch) date if S LA

AC6803

AC6803.Superseeded values are not recommended for survey control.

AC6803.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

AC6803.[See file dsdata.txt](#) to determine how the superseded data were derived.

etc.

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```
DATABASE = , PROGRAM = datasheet, VERSION = 8.00
1      National Geodetic Survey,   Retrieval Date = January 1, 2012
AC6803 ****
AC6803 ACCURACIES - Complete network and local accuracy information.
AC6803 HT_MOD    - This is a Height Modernization Survey Station.
AC6803 PACS      - This is a Primary Airport Control Station.
AC6803 NAME      - AZC A
AC6803 PID       - AC6803
AC6803
AC6803 FGDC Geospatial Positioning Accuracy Standards (95% confidence, cm)
AC6803 Type/PID Horiz Ellip Dist(km) Std N Std E Std h Correltn NE
AC6803 -----
AC6803 NETWORK   0.86   1.37           0.38   0.31   0.70   -0.29917912
AC6803 -----
AC6803 MEDIAN LOCAL ACCURACY AND DIST ( 11 points)
AC6803 AE3181   0.36   0.69           0.07   0.17   0.11   0.35   -0.05276934
AC6803 AC6804   0.22   0.20           0.98   0.10   0.08   0.10   -0.02295189
AC6803 AE3183   0.57   0.90           1.27   0.26   0.19   0.46   -0.24478497
AC6803 AE3184   0.67   1.22           1.35   0.32   0.20   0.62   -0.05253846
AC6803 AE3182   0.66   0.90           1.60   0.30   0.21   0.46   -0.48667427
AC6803 AC6805   0.29   0.24           1.64   0.13   0.10   0.12   -0.07383703
AC6803 HO0112   1.21   2.29           42.91  0.53   0.45   1.17   0.07206508
AC6803 HO0076   0.94   1.71           45.99  0.42   0.34   0.87   -0.05592834
AC6803 AC6806   0.83   1.47           136.10 0.37   0.30   0.75   -0.14246214
AC6803 AC6816   0.82   1.51           139.26 0.33   0.34   0.77   -0.00353532
AC6803 FQ0454   0.86   1.35           230.42 0.38   0.31   0.69   -0.30702358
AC6803
AC6803 MEDIAN   0.67   1.22           1.64
AC6803 -----
AC6803 NOTE: Documentation for the accuracy information is available here.
AC6803
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*** retrieval complete.
Elapsed Time = 00:00:00